



ATTORNEY DOCKET NO.: 668-63 (D4742-00064)

2634 #5
BP
01-10-02
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Sascha Marcus SPANGENBERG ET AL.

International Application No. PCT/GB00/00649

International Filing Date: 23/FEBRUARY/2000

U.S. Serial No.: 09/913,696

Examiner: not yet known

Filed: 16/AUGUST/2001

Group Art Unit: not yet known

For: **ADAPTIVE FILTER FOR A DIRECT SEQUENCE SPREAD
SPECTRUM RECEIVER**

DATE OF DEPOSIT:

October 24, 2001

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE
U.S. POSTAL SERVICE FIRST-CLASS MAIL UNDER 37 C.F.R. 1.8 ON THE DATE
INDICATED ABOVE AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER
FOR PATENTS, WASHINGTON, D.C. 20231

Lewis F. Gould, Jr.

LEWIS F. GOULD, JR., REGISTRATION NO. 25,057

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL LETTER

Dear Sir:

Enclosed herewith is an Information Disclosure Statement pursuant to 37 CFR.
§ 1.56 in connection with the above-identified application, which statement is being
filed:

[] Together with the present application.

- ☒ Before the first Office Action on the merits or three (3) months from the filing date of this application, whichever occurs last. [37 CFR § 1.97(b)]
- ☐ After the first Office Action on the merits, but before a Final Office Action under §1.113 or Notice of Allowance under §1.311, whichever occurs first. [37 CFR § 1.97(c)]
- ☐ After a Final Office Action under §1.113 or Notice of Allowance under §1.311, but prior to or with payment of the Issue Fee. [37 CFR § 1.97(d)]

Consistent with Applicant's obligations pursuant to 37 CFR §§1.97 and 1.98, the following requirements have been met:

- ☒ No separate requirements are needed.
- ☒ No additional fee is required.
- ☐ **Fee Under 37 CFR § 1.97©**

The fee of \$240.00 for submission of an IDS under § 1.97© as set forth in § 1.17(p) accompanies this statement.
- ☐ **Petition Under 37 CFR § 1.97(d)**

This is a petition requesting consideration of an IDS under § 1.97(d). The petition fee of \$130.00 set forth in § 1.17(i)(1) accompanies this petition.
- ☐ **Certification Under 37 CFR § 1.97(e)**

Each item of information contained in this statement was either

- (1) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; or
- (2) not known to any individual designated in § 1.56© more than three months prior to the filing of this statement.

Provision of Copies of References

- ☒ A copy of each of the references listed on the attached Form PTO-1449 is enclosed herewith and forms a part hereof.
- ☐ A partial translation of (translation of the Abstract only) are enclosed herewith and forms a part hereof.
- ☐ A copy of the European Search Report from a corresponding or related EPO application is enclosed herewith.
- ☐ A copy of the Search Report from a corresponding or related German application is enclosed herewith.
- ☐ A copy of the International Search Report from a corresponding or related PCT application is enclosed herewith.

Identification of Prior Application(s) In Which Listed Information Was Already Cited And For Which No Copies Are Submitted Or Need Be Submitted

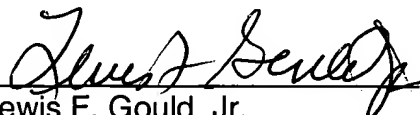
- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior Application Serial No. _____, filed on _____. The following references were submitted to, and/or cited by, the Office in the prior application(s) and therefore are not required to be provided in this application:

- ☒ The Commissioner is hereby authorized to charge any fees associated with this communication or credit any overpayment to **Deposit Account No. 04-1679**. A duplicate copy of this transmittal is attached.

Respectfully submitted,

Date:

October 29, 2007



Lewis F. Gould, Jr.
Registration No. 25,057
Duane, Morris & Heckscher LLP
One Liberty Place

ATTORNEY DOCKET NO.: 668-63 (D4742-00064)

PATENT

Philadelphia, PA 19103-7396
(215) 979-1282

Docket No: 668-62 (D4742-00063)

Form PTO-1449 U.S. Department of Commerce
Patent and Trademark Office

Docket No. 668-63

Serial No. 09/913,696

INFORMATION DISCLOSURE
STATEMENT
IN AN APPLICATION

Applicant: Sascha Marcus SPANGENBERG ET AL.

Filing Date: 08/16/2001

Group Art Unit:

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,692,006	11/24/97	ROSS ARTHUR			
	AB	4,583,090	4/15/86	EDEN ET AL.	H04Q	9/00	
	AC	RE32,905	4/11/89	BARAN	H04J	3/06	
	AD	4,617,674	10/14/86	MANGULIS, ET AL	H04J	3/06	
	AE	4,901,307	2/13/90	GILHOUSEN, ET AL.	H04J	13/00	
	AF	5,056,109	10/8/91	GILHOUSEN, ET AL.	H04L	27/30	
	AG	5,109,390	4/28/92	GILHOUSEN, ET AL.			
	AH						
	AI						
	AJ						

RECEIVED
JAN 07 2002
Technology Center 2600

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AK	WO 94 29985	12/22/1994	WO	H04L	9/00	X	
	AL							
	AM							
	AN							
	AO							

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AS	
	AT	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PH1\893412.1